

ZHIBITSKAYA, E.D.

Scientific literature on the Scandinavian countries and Finland
published by the Organizational Committee of the 19th International
Geographical Congress. Izv. AN SSSR. Ser. geog. no.1:141-144 Ja-F
'61. (MIRA 14:2)

(Bibliography--Scandinavia--Geography)
(Bibliography--Finland--Geography)

ZHIBITSKAYA, E.D.

Stockholm, Oslo, Copenhagen, and Helsinki; a study in comparative geography. Vop.geog. no.45:178-198 '59.
(MIRA 12:5)

(Stockholm)

KURCHITSER, M.I., inzh.; ZHIBITSKIY, B.D., inzh.

Machines for water-supply management. Vod.i san.tekh. no.3:9-10
Mr '62. (MIRA 15:8)
(Water-supply engineering--Equipment and supplies)

ZHIBITSKIY, YA. I.

Plastic masses and their use in airplane construction. Ya. I. Zhibitskiy. *Aviatsionnykh Mashiny* 1941, No. 4, 2-6; *Khim. Referat. Zhur.* 4, No. 7-8, 110 (1941). Plastic building materials are prep'd. by satg. the fabrics (Textolite) or paper (Metinax) with resin, drying and compressing at 120-60° and a pressure of 70-120 kg./sq. cm. The heat capacity of Textolite is $\frac{1}{4}$ and its thermal cond. $\frac{1}{4}$ of that of metal. Textolites with tensile strengths of 18 kg./sq. mm. and a Young's modulus of up to 1700 kg./sq. mm. have been obtained. A 1.5-3.0-mm. layer of Textolite is placed on steel parts. Bakelite plywood is used to cover wings and the fuselage of airplanes. Plastics from PhOH resin and cellulose dust are used for the construction of sections of wings. Other substances used in the construction of airplanes are: a compn. from asbestos fibers, kaolin and PhOH resin (Ashtollite); a compn. from asbestos ribbon, thin Cu or brass net and PhOH resin; a stratified plastic composed of asbestos fibers and PhOH resins (Ashtextollite). Vianitz, a porous protein plastic of 0.1 the sp. of felt, is used as sound-insulating material. W. R. Henn

ZHIBKO, V. I.

"Study of grain drying in a boiling layer."

Report presented at the 1st All-Union Conference on Heat and Mass- Exchange,
Minsk, BSSR, 5-9 June 1961

"APPROVED FOR RELEASE: 03/15/2001

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ZHIBROV, A. Ye.

Investigation of the tension deformation of mica crystals in
various media. Sbor. trud. MISI no. 50:31-44 '65.
(MIRA 18:12)

ACC NR: AT6016515 (A) SOURCE CODE: UR/3065/65/000/050/0031/0044

AUTHOR: Zhibrov, A. Ye.

ORG: none

TITLE: Investigating deformation in mica crystals during stretching in various media

SOURCE: Moscow. Inzhenerno-stroitel'nyy institut. Sbornik trudov, no. 50, 1965. Fizicheskiye metody issledovaniya svoystv stroitel'nykh materialov mineral'nogo proiskhozhdeniya (Physical methods of investigating the properties of building materials of mineral origin), 31-44

TOPIC TAGS: mica, crystal deformation, surface active agent

ABSTRACT: The principal results of studying the effect of different media on the strain properties of mica during stretching are presented. To discover the effect of surface-active substances on the course of deformation during stretching of mica at various stages--up to rupture, a special setup was prepared for the experiments. One part was for stretching the samples and measuring the stress, and another for measuring the elongation of the specimen. Stretching was effected by attaching a vessel in which water could be added at the desired rate. Loading rate ranged from 17 to 100 g/sec. A simple combination mechanical-optical setup was used for measuring elongation. Specimens were stretched in air, in water, and in a solution of isoamyl alcohol--both dilute and saturated. Four zones of deformation were observed:

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ACC NR: AT6016515

1) elastic, with no residual strain, 2) plastic, in which a slight dependence of residual strain on preceding stress was noted, 3) hardening, in which residual strain remains constant and is independent of preceding stress, and 4) rapidly increasing plastic strain, terminating in rupture. Results have been tabulated and graphed. The effect of the isoamyl alcohol--a surface-active agent--was notable. It was found that during deformation in the presence of the surface-active agent the molecules of the agent penetrated the crystal chiefly through cracks along the surfaces of perfect cleavage, and they were adsorbed on the surfaces of internal defects, increasing their effective surface. This decreased the elastic modulus and lowered the elastic limit. During deformation in the surface-active medium, when stretching very slightly exceeded the elastic limit, the zone of pre-existing imperfections expanded at such a rate that the mica was ruptured by several applications and removals of the stress. It is concluded that the adsorbent effect of surface-active substances is greater during shear deformation and, especially, during vibration of the mica. Orig. art. has: 6 figures, 3 tables, and 1 formula.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 008

Card 2/2 *5/11*

ZHIEROV, V.

Checking the fulfillment of estimates. Okhr. truda i sots. strakh.
6 no.9:38-39 S '63. (MIRA 16:10)

ZHIBROV, V.

Auditing the execution of the disbursement part of social insurance estimates. Okhr. truda i sots. strakh. 6 no.10:36-38 0 '63.
(MIRA 16:11)

ALIKIN, R.I.; GORDIYENKO, P.I.; BESPROZVANNYY, I.G.; ZHIBTSOV, P.P.;
ZOLOTAREV, P.A.; ZUSMANOVSKAYA, L.L.; IBRAGIMOV, K.G.; KOZOREZOV,
M.A.; KOKOREV, A.I.; KUPRIANOV, Yu.V.; KUROCHKA, A.L., kand.
tekhn. nauk; LITVINOVA, L.M.; LOZANOVSKIY, A.L., kand. tekhn.
nauk; MAVDRIKOV, F.I.; MAKHAN'KOV, L.V.; PUKALOV, V.I.; RAYLYAN,
A.F.; SVERDLOV, V.Ya.; SKLYAROV, B.S.; SOLOV'YEV, K.M., kand.
tekhn. nauk; STUKALKIN, A.N.; SUROVIKOV, A.A.; TIKHONOV, N.G.;
SHEPENKO, P.K.; YANOV, V.P.

[VL80 electric locomotive.] Elektrovoz VA80. Novocherkassk. Nauchno-
issledovatel'skii institut elektrovozostroeniia. Sbornik nauchnykh
trudov, vol. 5) (MIRA 18:5)

ZHIBUL', M. M.

Tripolitova, A. A. and Zhibul', M. M. "Types of diphtheria bacill; in the city of Irkutsk," Sbornik nauch. trudov (Irk. in-t epidemiologii i mikrobiologii), Issue 4, 1948, p. 51-57

SO: U-3264, 10 April 1953, (Letopis 'nykh Stateli, No. 3, 1949)

ZHIBUKI, A. I., ENL.

Metalwork

Stamping with a pneumatic hammer with attached die. Vest, mash, 32 No. 2, 1952

Monthly List of Russian Accessions, Library of Congress October 1952 UNCLASSIFIED

. MATYASH, B., insh.; ZHIBURTOVICH, N., insh.

New building materials for housing construction based
on local raw materials. Zhil.stroi. no.8:16-17 '60.
(MIRA 13:8)

(Kuybyshev Province--Building materials)

ZHICHINA, A.I. (Gor'kiy)

Problem of the reflux nature of hemodynamic changes and electrocardiographic modifications in transthoracic surgery. Klin.med. 32 no.3:55-60 (MIRA 7:5)
Mr '54.

1. Iz kafedry fakul'tetskoy khirurgii (zaveduyushchiy - zasluzhennyy deyatel' nauki professor Ye.L.Berezov) i kafedry diagnostiki vnutrennikh bolezney (zaveduyushchiy - professor K.G.Mikul'in) Gor'kovskogo meditsinskogo instituta im. S.M.Kirova. (Chest--Surgery) (Electrocardiography)

ZHICHINA, A. I.

ZHICHINA, A. I.: "Electrocardiographic investigation in perpleural operations for cancer of the cardia and the intestianl tract". Gor'kiy, 1955. Gor'kiy State Medical Inst imeni S. M. Kirov. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955, Moscow.

SOKOLOVA, Ye.B.; SHERANOVA, M.P.; ZHICHKINA, V.A.

Study of the possibility of replacing ethyl ether with higher-boiling solvents in the synthesis of ferrocene from cyclopentadienylmagnesium bromide and ferrous chloride. Zhur.ob.khim. 30 no.6:2040-2042 Je '60. (MIRA 13:6)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni D.I.Mendeleeva.

(Iron)

5.3700

AUTHORS:

Sokolova, Ye. B., Shebanova, M. P., Zhichkina, Y. A.

TITLE:

Investigation of the Possibility of Substituting Higher Boiling Solvents for Diethyl Ether in the Ferrocene¹ Preparation From Cyclopentadienyl-magnesium-bromide and Ferrous Chloride

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 6, pp. 2040-2042

TEXT: The industrial manufacture of ferrocene according to the method mentioned in the title has so far not been possible when using diethyl ether as solvent, owing to its ready volatility. In this study, the attempt was made to substitute higher boiling solvents for the ether and to use ferrous chloride instead of the ferric chloride formerly added to the reaction mixture. Two experimental series were made: 1) freshly prepared cyclopentadienyl-magnesium-bromide + FeCl_3 which is reduced during the reaction to FeCl_2 , in the solvents diethyl ether, di-n-butyl ether, diisopentyl ether, anisol, phenetol, triethylamine and dioxane. A higher yield

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Investigation of the Possibility of
Substituting Higher Boiling Solvents for
Diethyl Ether in the Ferrocene Preparation From Cyclopentadienyl-
magnesium-bromide and Ferrous Chloride

S/079/60/030/06/09/009
B002/B016

(61.3 and 45.7%) could only be obtained when using di-n.butyl ether and diisocamyl ether. No yield could be obtained with anisol and phenetol. If, however, dioxane was added in the latter cases in the 2nd reaction stage, a ferrocene yield of 38 and 40%, respectively, was obtained.

2) Cyclopentadienyl-magnesium-bromide + FeCl_2 which had been reduced from FeCl_3 prior to the reaction by means of chlorobenzene. In addition to the afore-mentioned solvents also tetrahydrofuran was used. It was shown that, when using diethyl ether or tetrahydrofuran in the first reaction stage, and adding FeCl_2 in the second without solvent, a yield of 71.2% may be obtained. Anisol (1st stage), dioxane (2nd stage) gave a yield of 36.6% ferrocene. It was thus generally confirmed that the diethyl ether may be replaced by some other ethers and that by direct use of powdered FeCl_2 in the solvents mentioned a higher yield may be obtained than that hitherto obtained by Kealy and Pauson (Ref. 1). In connection with the ferrocene reaction A. N. Nesmeyanov and E. G. Perevalova are mentioned.

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Investigation of the Possibility of
Substituting Higher Boiling Solvents for
Diethyl Ether in the Ferrocene Preparation From Cyclopentadienyl-
magnesium-bromide and Ferrous Chloride

8/079/60/030/06/09/009
B002/B016

There are 3 tables and 3 references: 1 Soviet, 1 American, and 1 British. ✓

ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut imeni
D. I. Mendeleyeva (Moscow Institute of Chemical Technology
imeni D. I. Mendeleyev)

SUBMITTED: June 26, 1959

Card 3/3

ZHIDASIKIN, A.I.

Using plastics for preventing corrosion. Mashinostroitel'
no.9:39-40 S '62. (MIRA 15:7)

(Corrosion and anti-corrosives)

ZHIDELEV, A.I., kapitan 3 rango

Carrying out submarine combat exercises. Mr.sbor. 44 no.2:58-62
F '61. (MIRA 14:4)

(Submarine boats)

ZHIDKLEV, A.I., inzh., red.; PEVZNER, A.S., red. izd-va; SOLNTSEVA, L.M.,
tekhn. red.

[Manual of consolidated indices of the cost of planning and research]
Spravochnik ukрупnennykh pokazatelei stoimosti proektnykh i izyska-
tel'skikh rabot. Vvoditsia v deistvie s 1 ianvaria 1958 g. Pt.27.
[Piping and structures for district heating systems] Vneplosh-
chadochnye kommunikatsii i sooruzheniia po teplosnabzheniiu. Moskva,
Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam. 1958.
21 p. (MIRA 11:8)

1. Russia (1923-- U.S.S.R.) Gosudarstvennyi komitet po delam
stroitel'stva.
(Pipelines) (Heating from central stations)

ZHELENKO, Genrikh Iosifovich; BLINCHESVSKIY, Fridel' L'vovich; ~~ZHIDELEV~~
~~M.A., nauchnyy red.~~; KOLBANOVSKIY, V.V., red.; SAVCHENKO,
Ye.V., tekhn.red.

[Soviet technical vocational education at a new stage]
Sovetskoe professional'no-tekhnicheskoe obrazovanie na novom
etape. Moskva, Izd-vo "Znanie," 1959. 47 p. (Vsesoiuznoe
obshchestvo po rasprostraneniю politicheskikh i nauchnykh
znaniy. Ser.2., Filosofia, no.32) (MIRA 12:11)
(Vocational education)

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Vospitanie kommunisticheskoi morali v protsesse proizvodstvennogo obucheniia [Developing]
communist ethics along with industrial training/. Moskva, Tрудovoye vospitanie, 1952. 131 p.
(K-vo trudovykh rezervov SSSR).

SO: Monthly List of Russian Accessions, Vol 7, No 3, June 1954.

ZHIDELEV, M.A. (Moskva)

Practical machine-shop exercises. Fiz. v shkole 15 no.6:29-38
N-D '55. (Machine-shop practice) (MLRA 9:2)

ZHIDELEV, Mikhail Aleksandrovich; RAZUMOVSKIY, N.N., redaktor; MUKHINA, T.N.,
tekhnicheskiy redaktor

[The study of machinery in classes 8-10 of urban secondary schools;
practical instructions for teachers] Mashinovedenie v VIII-X klassakh
gorodskoi srednei shkoly; metodicheskie ukazaniia dlia prepodavatelei.
Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1956. 171 p. (MIRA 10:2)
(Machinery--Study and teaching)

ZHIDELEV, M.A.; RUNOVSKIY, S.I., redakter; PONOMAREVA, A.A., tekhnicheskiy redakter.

[Practice with machinery in classes 8-10 of urban secondary schools; brief instructions for teachers] Praktikum po mashinovedeniyu v VIII-X klassakh gnedskoi srednei shkoly; kratkie metodicheskie ukazaniya dlia prepodavatelei. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniya RSFSR, 1956. 68 p. (MLBA 9:5)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniya. 2. Starshiy nauchnyy sotrudnik Instituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR. (for Zhidelev). (Machine-shop practice)

BESPAL'KO, Vladimir Pavlovich; ZHIDOLEV, Mikhail Aleksandrovich; NIKITIN, Boris Pavlovich; POLYAKOV, A.A., redaktor; ~~MAKSHAYEV~~, A.V.,
tekhnicheskii redaktor

[Machinery manual] Rukovodstvo po mashinovedeniiu. Moskva, Gos. uchebno-pedagog.izd-vo M-va prosv. RSFSR. Pt.1. [Textbook for students in the 8th grade] Posobie dlia uchashchikhsia VIII klassa. 1957. 223 p. (MLRA 10:10)
(Machinery)

GLADILIN, Anatoliy Nikolayevich, kand. tekhn. nauk, dots.; SYROYEGIN,
Aleksandr Aleksandrovich, kand. tekhn. nauk, dots.; POZOV,
Viktor Mikhaylovich, st. prepod. MAKIYENKO, N.I., retsenzent;
ZHIDELEV, M.A., retsenzent; OVSYANNIKOVA, Z.G., red.

[Course of industrial training in technical schools for
mechanical engineering for operators of grinders, planers,
and drilling machines] Kurs proizvodstvennogo obucheniya v
mashinostroitel'nykh tekhnikumakh dlia rabochikh professii:
shlifovshchik, strogal'shchik i sverlovshchik. Moskva, Vysshaia
shkola. Pt.3. 1965. 315 p. (MIRA 18:6)

ZHIDELEV, M.A.; KALASHNIKOV, A.G.; GRACHEV, A.P., red.; ZNAMENSKIY,
A.A., red.; SHAPOSHNIKOVA, A.A., red.

[Mechanical engineering in school] Mashinovedenie v shkole.
Moskva, Izd-vo APN, 1961. 187 p. (MIRA 17:4)

FRENKEL', Semen Shul'yevich; ZHIDELEV, M.A., nauchn. red.; GORYUNOVA,
L.K., red.; BARANOVA, N.N., tekhn. red.

[Teaching the special technology of milling] Prepodavanie
spetsial'noi tekhnologii frezernogo dela. Moskva, Proftekh-
izdat, 1963. 166 p. (MIRA 1714)

BESPAL'KO, Vladimir Pavlovich; GEL'BURT, Boris Yefimovich;
PROTASOVSKIY, Georgiy Aleksandrovich; KASABOV, Sh.M.,
st. prepod., retsenzent; ZHIDELEV, M.A., kand. ped.
nauk, red.; NOVOSELOVA, V.V., tekhn.red.

[Vocational training of automobile repairmen in secondary schools] Proizvodstvennoe obuchenie v srednei shkole professii slesar'-avtoremontchik; metodicheskoe posobie dlia prepodavatelei i instruktorov proizvodstvennogo obucheniia. Pod red. M.A.Zhideleva. Moskva, Izd-vo APN RSFSR, 1962. 237 p. (MIRA 16:6)

1. Kafedra obshchetechnicheskikh distsiplin i truda Moskovskogo gosudarstvennogo pedagogicheskogo instituta im. V.I. Lenina (for Kasabov).

(Automobiles--Maintenance and repair)

LEYBOVICH, Boris Davydovich; TANANIN, Vladimir Vasil'yevich;
ZHIDELEV, M.A., nauchnyy red.; BONDAROVSKAYA, G.V., red.;
ABOLEMOV, V.P., red.; BARANOVA, N.N., tekhn. red.

[Methods for training milling machine operators under
industrial conditions] Metodika proizvodstvennogo obuche-
niia frezerovshchikov po metallu. Moskva, Proftekhizdat,
1963. 227 p. (MIRA 16:8)

(Milling machines)

(Metal cutting--Study and teaching)

ZHIDELEV, Mikhail Aleksandrovich, starshiy nauchnyy sotr.; BEL'BURT, B.Ye.; PROTASOVSKIY, G.A.; FIGANOV, I.S.; Prinimali uchastiye: KOVAL'SKIY, M.I.; SANDOMIRSKIY, I.G.; GIMRANOV, M.V.; TSIKALOV, V.A., red.; POLUKAROVA, Ye.K., tekhn. red.

[Secondary school production training in mechanical engineering]
Proizvodstvennoe obucheniye v srednei shkole po mashinostroitel'-
nym professiiam; metodicheskoe posobie dlia prepodavatelei i in-
struktorov proizvodstvennogo obucheniia. Pod red. M.A.Zhideleva.
Moskva, Izd-vo APN RSFSR, 1962. 141 p. (MIRA 15:12)
(Technical education)

ZHIDELEV, Mikhail Aleksandrovich; NIKITIN, B.P.

[Mechanical engineering manual; a textbook for grade 'I']
Rukovodstvo po mashinovedeniiu; posobie dlia uchashchikh-
sia VIII klassa. Izd.3. Moskva, Gos.uchebno-pedagog.izd-
vo, 1959- . (MIRA 15:10)
(Mechanical engineering)

ZHIDELEV, MIKHAIL ALEKSANDROVICH

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1958

Mashinovedeniye V viii-x (i.e. Vosmi-
dvadtsati) Klassakh Gorodskoy Sredney
Shkoly; Metodicheskoye Posobiye Dlya
Prepodovateley (Machine Theory)
Izd-Vo APN RSFSR, 1958.

279 p. Diags., Charts, Tables.

At head of Title: Akademiya Pedago-
gicheskikh Nauk RSFSR. Institut Metodov.
Obucheniya.

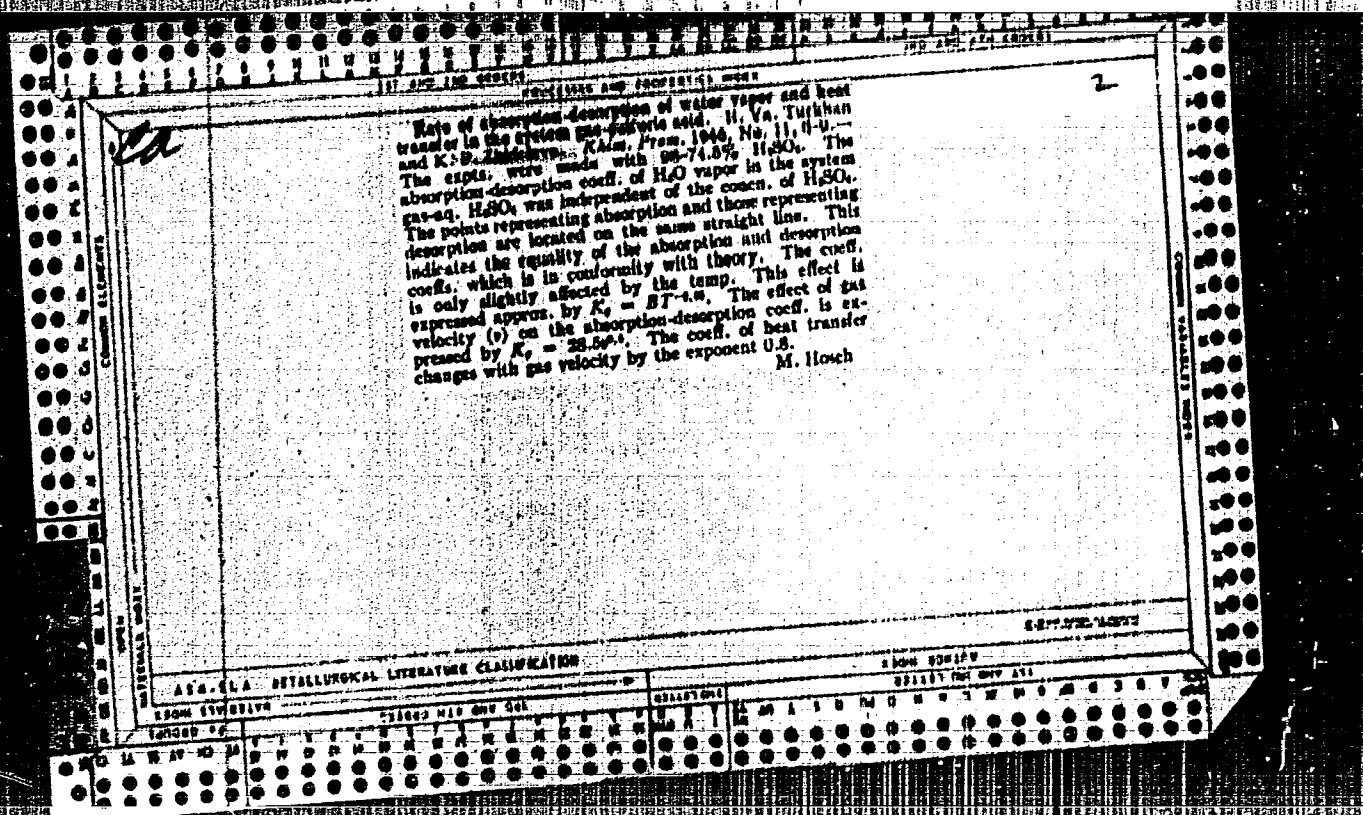
Bibliographic Footnotes.

ZHIDELEV, Mikhail Aleksandrovich,; SHAPOSHNIKOVA, A.A., red.; LAUT, V.G.,
tekhn. red.

[Study of machinery in grades eight to ten of urban secondary
schools; practical instruction for teachers] Mashinovedenie v
VIII-X klassakh gorodskoi srednei shkoly; metodicheskoe posobie
dlia prepodavatelei, Izd. 2., ispr. i dop. Moskva, Izd-vo Akad.
pedagog. nauk RSFSR, 1958. 279 p. (MIRA 11:11)
(Machinery)

ZHIDELNY, M.

Work training of students in Finnish schools. Politekh. obuch.
no.9:86-89 8 '58. (MIRA 11:10)
(Finland--Vocational education)



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ZHIDELEVA, L.P.

Introduction of new equipment and expansion of industrial production
using State Bank credits. Za indus.Riaz. no.2:19-21 D '61.
(MIRA 16:10)

1. Nachal'nik otдела kreditovaniya promyshlennosti soveta
narodnogo khozyaystva Ryazanskoy oblastnoy kontory Gosbanka.

PATUROYEV, V.V., ingh.; Prinimali uchastiye: ZHIDELEVA, V.K.; KORMILITSINA,
V.V.; TARANOVA, V.N.

Strengthening asbestos cement and other materials with polyester
foam plastics. Trudy TSNIISK no.24:323-349 '63. (MIRA 17:1)

KOVAL'CHUK, L.M., kand.tekhn.nauk; ZHIDELEVA, V.K., inzh.

Protection of wood materials with aluminum foil.
Der.prom. 14 no.11:5-7 B '65.

(MIRA 18:11)

ZHIDENKO, D.

Hidden potentialities for speeding-up the development of industrial
production in economic administrative regions. Vop. ekon. no.8:
155-160 Ag '62. (MIRA 15:8)
(Industrial management--Congresses)

BORISOV, Ye.; ZHIDENKO, D.; KASHUTIN, P.

Social and economic problems of technological progress under
socialism. Sots. trud 6 no.9:146-149 S '61. (MIRA 14:9)
(Technology and civilization)

ZAVADSKIY, Ye.I., inzhener; ZHIDENKO, G.M., inzhener.

Wash method of pile driving with additional introduction of
compressed air. Avt. dor. 19 no.7:29-30 J1 '56. (MLRA 9:10)

(Piling (Civil engineering))

1. ROZENBAUM, M. S.; ZHIDENKO, M. N.; GEL'SHTEYN, M. YA.

2. USSR (600)

4. Tractors--Repairing

7. Reconditioning cast iron liners of tractor motors by chroming, Mekh.
i elek. sel'khoz., No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953,
Uncl.

137-50-6-11747

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 77 (USSR)

AUTHORS: Molotkov, N.A., Siverskiy, M.V., Zhidetskiy, D.P.

TITLE: A New Organization Chart for Modern Open-hearth Departments (Organizatsiya upravleniya sovremennymi martenovskimi tsekhami)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 532-537

ABSTRACT: The present organization of open-hearth departments (OHD) suffers from extreme decentralization of branches of the operation resulting in a long chain of management, an increase in the numbers of managerial, engineering, and technical personnel, and complications in production management. The writers propose the compilation of unified standard organization charts for OHD envisaging elimination of unnecessary links in management by combining small OHD and doing away with the present practice of excluding the slag dump and the mold-car-preparation shops from the purview of the OHD, and also of separating furnaces within a department into blocks and groups. The number of furnaces in a department should

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137-58-6-11747

A New Organization Chart for Modern Open-hearth Departments

be the decisive factor in determining the organizational pattern of management. Recommendations are advanced on standards for numbers of technical personnel relative to the volume of work of an OHD.

A.D.

1. Manangement engineering--USSR
2. Open hearth furnaces--Operation
3. Industrial plants--Organization

Card 2/2

ZHIDETSKIY, D.P.

130-7-13/24

AUTHORS: Kaprov, V.S. and Zhidetskiy, D.P.

TITLE: Accelerated Schedule for Supplying Hot Metal to the Blooming Mill Soaking Pits. (Uskorennyy grafik podachi goryachego metalla k kolodtsam bluminga)

PERIODICAL: Metallurg, 1957, Nr 7, pp.24-26 (USSR)

ABSTRACT: The operational research laboratory at the Makeyevka metallurgical works carried out an investigation of the process, by which hot ingots from No.1 melting shop were supplied to the blooming mill. The new accelerated schedules which were drawn up for killed and rimming steels are shown and discussed. The new schedules also involve revised provisions for the quicker removal of ingots from the casting bay, stripping operations, the arrival of ingots at the pits, traffic control. Under the new scheme ingots arrive at the soaking pits at at least 850 C. The changes made in wage rates to correspond with the revised schedules are briefly mentioned and the improvements in transport and metal temperature and in blooming-mill productivity are tabulated. There is 1 table and 1 figure.

ASSOCIATION: The Makeyevka Metallurgical Works (Makeevskiy Metallurgicheskiy Zavod)

AVAILABLE: Library of Congress.

Card 1/1

KOROLEV, A.I.; BLINOV, S.T.; LUBENETS, I.A.; KOBURNEYEV, I.M.; TURUBINER, A.L.; VASIL'YEV, S.V.; CHERNENKO, M.A.; BELOV, I.V.; TELESOV, S.A.; MAZOV, V.F.; MEDVEDEV, V.A.; MAL'KOV, V.G.; BUL'SKIY, M.T.; TRIBETSKOV, K.M.; SHENYEROV, Ya.A.; SLADKOSHTEYN, V.T.; PALANT, V.I.; KUROCHKIN, B.N.; ZHDANOV, A.M.; BELIKOV, K.N.; SABIYEV, M.P.; GARBUZ, G.A.; PODGORETSKIY, A.A.; ALFEROV, K.S.; NOVOLODSKIY, P.I.; MOROZOV, A.N.; VASIL'YEV, A.N.; MARAKHOVSKIY, I.S.; MALAKH, A.V.; VERKHOVTSYEV, B.V.; AGAPOV, V.F.; VECHER, N.A.; PASTUKHOV, A.I.; BORODULIN, A.I.; VAYNSHTEYN, O.Ya.; ZHIGULIN, V.I.; DIKSHTEYN, Ye.I.; KLIMASHENKO, I.S.; KOTIN, A.S.; MOLOTKOV, N.A.; SIVERSKIY, M.V.; ZHIDETSKIY, D.P.; MIKHAYLETS, N.S.; SLEPKANOV, P.N.; ZAVODCHIKOV, N.G.; GUDENCHUK, V.A.; NAZAROV, P.M.; SAVOS'KIN, M.Ye.; NIKOLAYEV, A.S.

Reports (brief annotations). Bnrl. TSNIIICM no.18/19:36-39 '57.
(MIRA 11:4)

1. Magnitogorskiy metallurgicheskiy kombinat (for Korolev, Belikov, Agapov, Dikshteyn).
2. Kuznetskiy metallurgicheskiy kombinat (for Blinov, Vasil'yev, A.N., Borodulin, Klimashenko).
3. Chelyabinskiy metallurgicheskiy zavod (for Lubenets, Vaynshteyn).
4. Zavod im. Dzerzhinskogo (for Koburneyev).
5. Zavod "Zaperozhstal'" (for Turubiner, Mazov, Podgoretskiy, Marakhovskiy, Savos'kin).
6. Maksyevskiy metallurgicheskiy zavod (for Vasil'yev, S.V., Mal'kov, Zhidetskiy, Al'ferov).
7. Stal'proyekt (for Chernenko, Zhdanov, Zavodchikov).
8. VNIIT (for Belov).
9. Stalinskiy metallurgicheskiy zavod (for Telesov, Malakh).

(Continued on next card)

KOROLYEV, A.I.---(continued) Card 2.

10. Nizhne-Tagil'skiy metallurgicheskoy kombinat (for Medvedev, Novolodskiy, Vecher). 11. Zavod "Azovstal'" (for Bul'skiy, Slepkanov). 12. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Trubetskoy). 13. Ukrainskiy institut metallov (for Shneyerov, Sladkovskiy, Kotin). 14. Zavod "Krasnyy Otkryabr'" (for Palant). 15. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki (for Kurochkin). 16. Zavod im. Voroshilova (for Sabiyev). 17. Chelyabinskiy politekhnicheskoy institut (for Morozov). 18. Giprostal' (for Garbuz). 19. Ural'skiy institut chernykh metallov (for Pastukhov). 20. Zavod im. Petrovskogo (for Zhigulin). 21. Ministerstvo chernoy metallurgii USSR (for Molotkov, Siverskiy). 22. Glavspetstal' Ministerstva chernoy metallurgii SSSR (for Nikolayev).
(Open-hearth process)

ZHIDIK, A. V.,

"Basic Problems of Industrial Sanitation in Cement Plants." (Dissertation for Degree of Candidate for Medical Sciences) Khar'kov Medical Inst, Khar'kov, 1955

SO: M-1036 28 Mar 56

SERENKO, A.S.; ZHIDIK, A.V.

Effect of dolomite moisture content on air dustiness. Ogneupory
20 no.8:379-381 '55. (MLRA 9:3)
(Dust--Prevention) (Dolomite)

ZHIDIK, A.V.

USSR/Chemistry of Colloids - Dispersed Systems.

B-14

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18796

Author : A.S. Serenko, A.V. Zhidik.

Title : Determination of Dispersion of Powders with Gelatin Solution.

Orig Pub : Zavod. laboratoriya, 1956, 22, No 10, 1204-1205

Abstract : The described method consists in preparation of a uniform weighed sample of the studied powder in a viscous liquid (10% gelatin solution, glycerin, vaseline oil) and in following microscopical study of the preparations of this sample. The determination of dispersity of coal, cement, yellow ore, quartzite and chamotte powders carried out in order to test the method yielded satisfactory results.

Card 1/1

- 344 -

ZHIDIK, A.V.; MATOSHIN, V.M.; OVETSKAYA, N.M.; ONOPKO, B.N.; STARUSHCHENKO,
A.S.; SHAPTALA, A.A.; MEL'NIKOV, Ye.B., red.; KUZ'MINA, N.S.,
tekhn.red.

[Physician's advice to miners] Sovety vracha shakhteram. Moskva,
Gos.izd-vo med.lit-ry, 1960. 28 p. (MIRA 13:11)
(MINERS--DISEASES AND HYGIENE)

YERMOLAYEV, N.P.; ZHIDIKOVA, A.P.; ZARINSKIY, V.A.

Silicate form of uranium transfer in aqueous solutions.
Geokhimiia no.7:813-826 JI '65.

(MIRA 18:11)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.
Vernadskogo AN SSSR, Moskva. Submitted December 7, 1964.

STERMAN, L.S.; doktor tekhn. nauk; SHTEKLER, Kh, Inzh.; ZHICKIKH, V.F., Inzh.

Parameter selection for two-stage atomic power stations with water heat carriers. Teploenergetika 11 no.12:56-61 D '64
(MIRA 18:2)

1. Moskovskiy energeticheskiy institut.

03/15/2001

CIA-RDP86-00513R002064720018-1

SOV/41

ZHIDIKOV, A-P
13

PHASE I BOOK EXPLOITATION

Moscow. Tsentral'nyy institut prognozov
Voprosy prognozov stoka rek (Forecasting River Flow)
(Otd-niye), 1960. 125 p. Errata slip inserted. 1,000 copies printed.
(Series: Its: Trudy, vyp. 96)

Additional Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy
sluzhby.

Ed. (Title page): A.N. Vazhnov; Ed. (Inside book): M.I. Sorokina; Tech.Ed.:
I.M. Zarkh.

PURPOSE: This publication is intended for hydrologists and hydroelectric
engineers.

COVERAGE: This issue of the Transactions of the Central Institute of Fore-
casting contains 6 articles on problems in forecasting river discharge.

KALININ, O.P.; ZHIUTKOV, A.P.

Calculation of water levels and discharges below a hydroelectric
power station. Trudy TSNIP no.133:3-22 '64.

(MIRA 17:10)

ZHIDIKOV, A.P.

Forecasting water levels and discharges of the Volga River below
the Volga Hydroelectric Power Station (22d Congress of the CPSU).
Trudy TSIP no.133:79-107 '64. (MIRA 17:10)

"APPROVED FOR RELEASE: 03/15/2001

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APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002064720018-1"

ACCESSION NR: AP4011536

8/0170/64/000/001/0059/0062

AUTHOR: Zhidkikh, V. M.; Pekhovich, A. I.

TITLE: The problem of a regular thermal regime

SOURCE: Inzhenerno-fizicheskii zhurnal, no. 1, 1964, 59-62

TOPIC TAGS: regular thermal regime, heat transfer, equilibrium temperature, plane-parallel plate, steady-state thermal regime

ABSTRACT: The onset of the regular thermal regime is examined for three heating (cooling) problems of an infinite plane-parallel plate. The temperature of the medium is assumed to vary linearly and the heat flows are assumed to be constant or varying linearly at the boundaries. The onset is shown to take place in different planes of the plate at different times. Curves are plotted from which the time of onset of the regular regime for the cases can be determined. In all three cases the midplane is the last to reach a regular thermal regime, but in two cases, in contrast to the third, there is always a plane in which the thermal regime is absolutely regular. Errors involved in the calculations are discussed. Orig. art. has: 2 figs.

Card 1/2

ACCESSION NR: AP4011536

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki im. B.
E. Vedeneyeva, Leningrad (All-Union Scientific-Research Institute of Hydrotechnology)

SUBMITTED: 11Feb63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: PH, AI

NO REF SOV: 003

OTHER: 000

Card 2/2

ZHIDKIKH, V.M.; PEKHOVICH, A.I.

On the regular thermal regime. Inzh.-fiz. zhur. 7 no.1:59-62 Ja '64.
(MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki imeni
B.Ye. Vedeneyeva, Leningrad.

KORSHAKOV, V.A., *inzh.* (L'vov); ZHIDKIN, V.P., *inzh.* (L'vov)

Increasing the evaporative capacity and efficiency of ~~SM-16~~ 22
boilers. *Energetik* 13 no. 12, 13-15 D '65 (MIRA 19:1)

ZHIDKIKH, Zoya Aleksandrovna; SMETNEV, Sergey Ivanovich; BYRDINA, A.S., red.; GUREVICH, M.M., tekhn. red.; OKOLELOVA, Z.P., tekhn. red.

[Laboratory and practical lessons in poultry raising] Laboratorno-prakticheskie zaniatiia po ptitsevodstvu. Izd.2., perer. Moskva, Sel'khozizdat, 1963. 183 p. (MIRA 17:1)
(Poultry)

ZHIDIKHANOV, K.A.; MAKSUDOV, C.B.

Significance of double examination of lung fluorograms. Vest.
rent. 1 rad. 38 no.5:33-36 8-0'63 (MIRA 16:12)

1. Iz rentgenovskogo otdeleniya (zav. - prof. K.V.Pomel'tsov)
Instituta tuberkuleza AMN SSSR (dir.-deyatel'nyy chlen
AMN SSSR prof. N.A. Shmelev) i flyuorograficheskogo otdeleniya
(zav. - prof. V.G.Ginzburg) Gosudarstvennogo nauchno-issledo-
vatel'skogo rentgeno-radiologicheskogo instituta (dir. - prof.
I.G.Lagunova) Ministerstva zdoravookhraneniya RSFSR.

UL'DANOV, G.A.; ZHIDIKHANOV, K.A., kand.med.nauk (Moskva)

Public health in Iraq. Sov. zdrav. 20 no.12:75-77 '61.

(MIRA 15:6)

1. Iz otdela vneshnikh snosheniy Ministerstva zdravookhraneniya
SSSR.

(IRAQ--PUBLIC HEALTH)

Zhidikhonor, K.A.

YEVGENOVA, M.V.; ZHIDIKHANOV, K.A.

Roentgen diagnosis of silicosis and silico-tuberculosis in
workers in gold mines. Ter.arkh. 22 no.2:35-43 Mr-Apr '50.
(GLML 19:3)

1. Of the Clinic (Scientific Director -- Prof. S.M.Genkin) and
of the Roentgenological Division (Head -- K.P.Molokanov), both
of the Institute of Labor Hygiene and Occupational Diseases of
the Academy of Medical Sciences (Director -- Prof. A.A.Letavet,
Corresponding Member of the Academy of Medical Sciences).

ZHIDIKHANOV, K. A.

ZHIDIKHANOV, K. A.: "Aspects of silicosis as shown by fluorography." (Fluoro-roentgenographic parallels). Moscow, 1955. State Sci Res Inst of Roentgenology and Radiology imeni V. M. Molotov. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

ZHIDIKHANOV, K.A., kand.med.nauk.

Importance of impulse roentgenography in the practice of antituberculosis institutions. Probl.tub. 36 no.6:73-75 '58 (MIRA 11:10)

1. Iz dispansernogo sektora Instituta tuberkuleza AMN SSSR (dir. Z.A. Lebedeva).
(TUBERCULOSIS, PULMONARY, in inf. & child;
impulse x-ray (Rus))

ZHIDIKHANOV, K.A.

Clinical and X-ray observations on urogenital schistosomiasis
(bilharziasis). Med.paraz.i paraz.bol. no.5:536-540 '61.

(MIRA 14:10)

1. Iz otdela vneshnikh snosheniy Ministerstva zdavookhraneniya
SSSR.

(SCHISTOSOMIASIS) (GENITOURINARY ORGANS—RADIOGRAPHY)

ZHIDIKHANOV, R. A.,

6/1965

MICA

DECEASED

KARETNIKOV, Yu.P.; TARASOVA, V.N.; ZHIDILEVA, K.P.

Boiling points of sodium sulfide solutions. Zhur.prikl.khim. 34
no.3:682-684 Mr '61. (MIRA 14:5)
(Sodium sulfide)

TURCHIN, F.V.; HERSENEVA, Z.N.; ZHIDKIKH, G.G.

Atmospheric nitrogen fixation in vitro by enzymatic preparations isolated from the nodules of legumes and from higher plants not infected with bacteria. Dokl.AN SSSR 149 no.3:731-734 Mr '63.
(MIRA 16:4)

1. Nauchnyy institut po udobreniyu i insektofungitsidan.
Predstavleno akademikom S.I.Vol'fkovichem.
(Nitrogen--Fixation) (Enzymes)

GIMMEL'MAN, Nikolay Robertovich; KOCHUROV, Aleksey Stepanovich;
 Prinsipali uchastiye: BORISOV, A.P., inzh.; ZHIDKIKH, I.A.,
 inzh.; VOLGOV, A.F., inzh.; SHABALIN, L.A., inzh.,
 MIKHAYEV, N.P., kand.tekhn.nauk, retsenzent; ABAKUMOV, S.F.,
 inzh., retsenzent; ZASYPKIN, A.G., inzh., retsenzent;
 ZALOZHNEV, G.N., inzh., retsenzent; KLOTSMAN, M.I., inzh.,
 retsenzent; KOLMOGOROV, S.M., inzh., retsenzent; BLANK, M.M.,
 inzh., red.; DUGINA, E.A., tekhn.red.

[Making models] Model'noe proizvodstvo. 3. perer. izd.
 Moskva, Mashgis, 1961. 295 p. (MIRA 14:12)
 (Engineering models)
 (Molding (Founding)---Equipment and supplies)

SERGEICHEV, Nikolay Fedorovich; TALANOV, P.I., prof., retsenzent;
KOCHUROV, A.S., inzh., retsenzent; LOS'KOV, D.I., dotsent, red.;
ZHIDKIKH, I.A., inzh., red.; BORISOV, A.P., inzh., red.; BLANK,
E.M., inzh., red.; BOGOSLAVETS, N.P., tekhn. red.

[Manufacture of models] Model'noe proizvodstvo. Moskva, Mashgiz,
1962. 158 p. (MIRA 15:6)

(Models and modelmaking)

ZHIDKIKH, N.P.

Standard solutions for sanitary-hygienic analysis of water.
Lab. delo. no.1:38-39 '65. (MIRA 18:1)

1. Taldomskaya sanitarno-epidemiologicheskaya stantsiya
(glavnyy vrach V.P. Aksenov).

KORSHUNOV, V.A., inzh.; ZHIDKIKH, V.F., inzh.

Course and fine steam drying in drum boilers. Energetik. 13 no.9:
16-19 S '65. (MIRA 18:9)

PETRUSICHEV, N.N., kand.tekhn.nauk; PEKHOVICH, A.I., kand.tekhn.nauk;
ZHIDKIKH, V.M., inzh.

Coordination of research work in the field of ice engineering.
Gidr.stroi. 32 no.7:61 JI '62. (MIRA 15:7)
(Ice on rivers, lakes, etc.)

AID P - 1655

Subject : USSR/Aeronautics
Card 1/1 Pub. 58 - 14/19
Author : Zhidkikh, Yu.
Title : Low-power transmitters
Periodical : Kryl. rod., 3, 19, Mr 1955
Abstract : The described transmitter series to check the operation
and the exact setting of radio equipment in flying
models. Diagram
Institution: None
Submitted : No date

ZHIDKIKH, Z.A., kand. biolog. nauk, dotsent

Age-related changes in the internal organs of Moscow bronze
turkeys. Izv. TSNA no. 6:227-230 '62. (MIRA 16:6)

(Turkeys) (Viscera)

ZHIDKIKH, Z.A., kand. biol. nauk, dotsent

Characteristics of the development of some parts of the skeleton
in Moscow Bronze turkeys. Izv. TSKhA no.6:234-235 '61.
(MIRA 16:8)

(Turkeys)

ZHIDKIKH, Zoya Aleksandrovna; KADIYEVA, Ye.V., red.; DEYEVA, V.M.
tekhn.red.

[Raising and fattening turkeys] Vyrashchivanie i otkorm
indeek. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 119 p.
(MIRA 14:2)
(Turkeys---Feeding and feeds)

ZHIDKIKH, Z.A., kand.biolog.nauk

Effect of various fattening methods on meat qualities of young
white Moscow turkeys. Dokl.Akad.sel'khoz. 24 no.6:30-35 '59.
(MIRA 12:9)

1. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.
Timiryazova. Predstavlena akademikom S.I.Smetnevym.
(Turkeys--Feeding and feeds)

SMETNEV, S.I., prof., doktor sel'skokhoz.nauk; BOGDANOV, M.N., zootekhnik;
 GOFMAN, M.B., zootekhnik; GRIGOR'YEV, O.K., zootekhnik; ZHIDKIKH,
 Z.A., kand.sel'skokhoz.nauk; PENIONZHKEVICH, E.E., doktor biolog.
 nauk, prof.; PREVO, A.A., kand.biolog.nauk; TRET'YAKOV, N.P., doktor
 sel'skokhoz.nauk, prof.; USPENSKIY, A.A., kand.sel'skokhoz.nauk;
 USHAKOV, A.A., kand.veterin.nauk; SHAPOVALOV, Ya.Ya., kand.sel'sko-
 khoz.nauk; YAGODIN, P.Ye., zootekhnik; YATSYNIN, N.M., zootekhnik; FEDO-
 ROVSKIY, N.P., kand.biol.nauk; SYCHIK, Ye.V., red.; PAVLOVA, M.M., tekhred.

[Poultry raising; a manual for farm managers] Ptitssevodstvo;
 rukovodstvo dlia zaveduushchego fermer. Izd.5, perer.i dop.
 Moskva, Gos.isd-vo sel'khoz.lit-ry, 1957. 495 p. (Bibliotekha
 po ptitsevodstvu, no.1) (MIRA 12:4)

1. Daystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh
 nauk im. V.I.Lenina (for Smetnev).
 (Poultry)

USSR/Farm Animals. Poultry.

Q-5

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101263

Author : Zhiakikh, Z.A.

Inst : Moscow Agricultural Academy imeni K.A. Timiryazev

Title : The Development of Turkey Breeding in Kolkhozes.

Orig Pub: Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva,
1957, vyp. 30, ch. 2, 240-244

Abstract: Turkey breeding conditions and measures for their development are described here. In some oblasts of the USSR, turkey livestock decreased in numbers. However, in Krasnodarskiy Kray they increased by 23 times. In the Kolkhoz "Velikaya Druzhba", of the Stavropolskiy Kray, 156 kg of meat were obtained from the progeny of each turkey-hen. A new turkey breed was created by methods of crossing, selection, and division.

Card 1/2

Card 2/2

PRNVO, Anatoliy Anatol'yevich, ZHIDKIKH, Zoya Aleksandrovna,; AZAROVA,
O.A., red.; GURNVICH, M.M., tekhn. red.

[Turkey breeding] Razvedenie imlek. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1958. 199 p. (MIRA 11:11)

(Turkeys)

ZHIDKIKH, Z.A., kand. biol. nauk

Changes due to age in the meat quality of Moscow Bronze turkeys
[with summary in English]. Izv. TSKhA no.1:205-212 '59.

(MIRA 12:7)

(Turkeys)

ZHIDKIKH, Z.A., kand. sel'skokhozyaystvennykh nauk; OZEROV, A.V., doktor
vet. nauk; VOSKRESNENSKIY, B.A., vet. vrach.

Raising young turkeys for meat on deep litter and dry feeds.
Ptitsevodstvo 8 no.5:16-20 My '58. (MIRA 11:5)
(Turkeys--Feeding and feeding stuffs)
(Litter (Bedding))

ZHIDKIKH, Z.A., kand.sel'skokhoz.nauk

Organizing turkey sections on collective and state farms.
Ptitsevodstvo 9 no.9:21-24 S '59. (MIRA 12:12)
(Turkeys)

ZHIDKO, A.A., assistant

Determining deformations in thin ship plates under the effect
of dynamic loading taking into account a dispersion propor-
tional to its displacement rates. Trudy GPI 17 no.5:14-21 '61.
(MIRA 16:6)

(Hulls(Naval architecture))
(Strains and stresses)

VOLOSHIN, A.I.; BOGOYAVLENSKIY, K.A.; AKHTYRCHENKO, A.M.; TURIK, I.A.;
 ZHIDKO, A.S.; LYALYUK, V.S.; GABAY, L.I.; ONOPRIYENKO, V.P.;
 STARSHINOV, B.N.; BABIY, A.A.; SAVELOV, N.I.; Primali
 uchastiye: TORYANIK, E.I.; VASIL'YEV, Yu.S.; SHEMEL', T.I.;
 SENYUTA, V.I.; BONDARENKO, I.P.; AMSTISLAVSKIY, D.M.;
 ANDRIANOV, Ye.G.; SERGEYEV, G.N.; ZAMAKHOVSKIY, M.A.;
 LYUKIMSON, M.O.; IVONIN, V.K.; TSIMBAL, G.I.; SEN'KO, G.Ye.;
 KONAREVA, N.V.; SOLODKIY, Yu.L.; LUKASHOV, G.G.; TARASOV, D.A.;
 GORBANEV, Ya.S.; SUPRUN, I.Ye.; TIKHOMIROV, Ye.I.; KONONENKO, P.A.;
 PROKOPOV, V.N.; GULYGA, D.V.; PLISKANOVSKIY, S.T.; PONOMAREVA, K.Ye.

Effect of the length of coking on coke quality and the performance
 of blast furnaces. Koks i khim. no.12:26-32 '61.

(MIRA 15:2)

1. Ukrainskiy uglekhimicheskiy institut (for Voloshin,
 Bogoyavlenskiy, Akhtyrchenko, Turik, Zhidko, Lyalyuk, Toryanik,
 Vasil'yev, Shemel'). 2. Zhdanovskiy koksokhimicheskiy zavod
 (for Gabay, Senyuta, Bondarenko, Amstislavskiy, Andrianov,
 Sergeyev, Zamakhovskiy, Lyukimson, Ivonin, Tsimbal). 3. Ural'skiy
 nauchno-issledovatel'skiy institut chernykh metallov (for
 Onopriyenko, Starshinov, Babi, Sen'ko, Konareva, Solodkiy).
 4. Zavod "Azovstal'" (for Savelov, Lukashov, Tarasov, Gorbanev,
 Suprun, Tikhomirov, Kononenko, Prokopov, Gulyga, Pliskanovskiy,
 Ponomareva).

(Coke)

(Blast furnaces)